Narrative Summary – July 2017

July 2017 was warmer than normal, averaging 80.4°F, 3.3° above normal (77.1°F). The warmest (2014) averaged 82.8°F. The coolest (1993) averaged 70.5°F. There were 28 days in July with a maximum temperature ≥90°F compared to a July normal of 20. This ties the record for the second highest number of days with maximum temperatures ≥90°F in July. For the year there have been 46 days with a maximum temperature ≥90°F compared to a normal (through July) of 31 days. This is the second most number of days through July with a maximum temperature ≥90°F. There were 10 days in July with a maximum temperature ≥100°F compared to a July normal of 7 days. There have been 12 days this year with a maximum temperature ≥100°F compared to a normal (through July) of 8 days.

The following daily temperatures records were established during July 2017

Date	Category	New Record	Old Record	Year
7	High Maximum	107	105	1968+

Precipitation for July 2017 totaled a trace, compared to a normal of 0.23 inches. The wettest July (1993) received 1.76 inches, while the driest (2003) received no precipitation. Total precipitation for 2017 (through July) is 5.58 inches, 139% of normal (4.01 inches).

The average wind speed for July 2017 was 8.9 miles per hour (mph), which was 0.3 mph above normal (8.6 mph). The windiest July (1983) averaged 10.7 mph, while the July with the lightest winds (1955) averaged 6.8 mph. The peak gust for July 2017 was from the WNW at 42 mph on July 9. The record wind gust for July was 69 mph in 1979.

On July 2-3 a large range fire blackened the hills to the southwest and west of the Hanford Meteorological Station.

The monthly climatological data summaries, as well as other information, are available on the Internet.
Address: http://www.hanford.gov/page.cfm/hms

Or contact:
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Note: The data in this summary pertain specifically to the Hanford Meteorology Station (HMS), which is located approximately 25 miles northwest of Richland, WA. No attempt should be made to infer meteorological conditions at other locations from these data.